

INFORMATION DISCLOSURE CITATION <i>(Use several sheets if necessary)</i> <div style="border: 1px solid black; border-radius: 50%; width: 100px; height: 100px; display: flex; align-items: center; justify-content: center; margin: 10px auto;"> <div style="writing-mode: vertical-rl; transform: rotate(180deg); font-weight: bold;">PATENT & TRADEMARK OFFICE</div> <div style="text-align: center;"> JAN 16 2001 </div> </div>				ATTY DOCKET NO. 06 2916.0		SERIAL NO. 09/488,390	
				FILING		GROUP 2623	

U.S. PATENT DOCUMENTS							
*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
VB	3,745,673	7/1973	Jimerson et al				
	3,795,989	3/1974	Greenberg et al				
	3,805,238	4/1974	Rothfjell				
	4,221,927	9/1980	Dankman et al			RECEIVED JAN 22 2001 Group 2600	
	4,449,189	5/1984	Feix et al				
	4,518,358	5/1985	Mather				
	4,665,640	5/1987	Forsse et al				
	4,696,653	9/1987	McKeefery				
	4,712,103	12/1987	Gotanda				
	4,712,184	12/1987	Haugerud				
	4,754,487	6/1988	Newmuis				

FOREIGN PATENT DOCUMENTS							
	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
VB	0247788	12/1987	European				
VB	2173970	10/1986	UK				
VB	WO 92/020000	2/1992	International Application				

OTHER DOCUMENTS <i>(Including Author, Title, Date, Pertinent Pages, Etc.)</i>		
VB	A	Hall, Ernest L., "Computer Image Processing and Recognition," Academic Press, 1979, pp. 370-375 and 115-119.
VB	B	Lippman, Richard P., "Introduction to Computing with Neural Networks," IEEE ASSP Magazine, April 1987, pp. 4-22.

EXAMINER	DATE CONSIDERED 7/10/03
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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U.S. PATENT DOCUMENTS							
*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
VB	4,799,171	1/1989	Cummings				
	4,811,408	3/1989	Goldman				
	4,825,050	4/1989	Griffith et al				
	4,849,613	7/1989	Gisele				
	4,858,000	8/1989	Lu				
	4,868,877	9/1989	Fischer				
	4,889,027	12/1989	Yokoi				
	4,904,851	2/1990	Yukino				
	4,972,476	11/1990	Nathans				
	4,975,969	12/1990	Tal				
4,980,567	12/1990	Crane et al					

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 Group 2600

FOREIGN PATENT DOCUMENTS								
DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION			
					YES	NO		

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)		
VB	C	Kirby et al., "Application of the Karhunen-Loeve Procedure for the Characterization of Human Faces," IEEE Trans. On Pat. Analysis and Mach. Int., Jan. 1990, pp. 103-108.
VB	D	Shackelton and Welsh, "Classification of Facial Features for Recognition", Proc. 1991 IEEE Computer Society Conf. Comp. Vision and Pat. Rec., Jun. 1991, pp. 573-579.

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U.S. PATENT DOCUMENTS							
*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
VB	4,991,205	2/1991	Lemelson				
	4,993,068	2/1991	Piosenka et al				
	4,995,086	2/1991	Lilley et al				
	4,998,279	3/1991	Weiss				
	5,031,228	7/1991	Lu				
	5,053,608	10/1991	Senanayake				
	5,055,658	10/1991	Cockburn				
	5,063,603	11/1991	Burt				
	5,074,821	12/1991	McKeefery et al				
	5,164,992	11/1992	Turk et al				
5,215,493	6/1993	Zgroddek et al					

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FOREIGN PATENT DOCUMENTS								
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						YES	NO	

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)			
VB		E	Sutherland, et al, "Automatic Face Recognition," First Int. Conf. On Intelligent Systems, Aug. 21, pp. 29-34.
VB		F	Turk et al. "Face Recognition Using Eigenfaces," Proc. 1991 Comp. Soc. Conf. On Computer Vision and Pat. Rec., Jun. 6, 1991, pp. 586-591

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				U.S. PATENT DOCUMENTS			

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VB	5,281,143	1/1994	Arad et al			
	5,292,276	3/1994	Manalo			
	5,314,192	5/1994	Broudy et al			
	5,314,336	5/1994	Diamond et al			
	5,342,234	8/1994	Bloom			
	5,372,511	12/1994	Keung			
	5,376,038	12/1994	Arad et al			
	5,386,103	1/1995	DeBan et al			
	5,413,516	5/1995	Lam			
	5,432,864	7/1995	Lu et al			
	5,478,240	12/1995	Cogliano			

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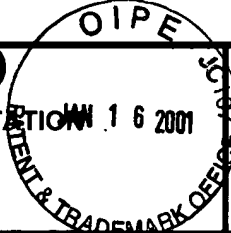
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DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION			
					YES	NO		

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)			
VB		G	Discover Magazine, "In Your Future Face," Dec. 1995, pp. 79-87.

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U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
VB	5,562,453	10/1996	Wen			
	5,653,594	8/1997	Lai			
	5,656,907	8/1996	Chainani et al			
	5,683,252	11/1997	Tsao			
	5,697,829	12/1997	Chainani et al			
	5,742,074	3/1998	Chainani et al			
	Des. 291,818	9/1987	Forsse et al			
	Des. 384,698	10/1997	Chan			
	Des. 387,383	12/1997	Chan			
VB	Des. 392,321	3/1998	Chan			

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FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
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OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

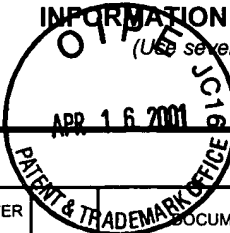
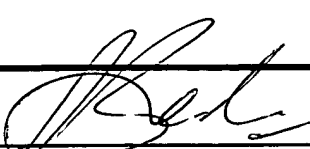
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INFORMATION DISCLOSURE CITATION (Use several sheets if necessary)				ATTY DOCKET NO. 06 2916.001		SERIAL NO. 09/488,390	
						APR 17 2001	
				FILING		GROUP Technology Center 2623	
U.S. PATENT DOCUMENTS							
*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
VB	3,745,673	7/1973	Jimerson et al				
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VB	4,712,184	12/1987	Haugerud				
VB	4,754,487	6/1988	Newmuis				
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						APR 17 2001 Technology Center 2600	
U.S. PATENT DOCUMENTS							
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VB	4,868,877	9/1989	Fischer				
VB	4,889,027	12/1989	Yokoi				
VB	4,904,851	2/1990	Yukino				
VB	4,972,476	11/1990	Nathans				
VB	4,975,969	12/1990	Tal				
VD	4,980,567	12/1990	Yasuda et al				
FOREIGN PATENT DOCUMENTS							
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U.S. PATENT DOCUMENTS

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VB	4,991,205	2/1991	Lemelson			
VB	4,993,068	2/1991	Piosenka et al			
VB	4,995,086	2/1991	Lilley et al			
VB	4,998,279	3/1991	Weiss			
VB	5,031,228	7/1991	Lu			
VB	5,053,608	10/1991	Senanayake			
VB	5,055,658	10/1991	Cockburn			
VB	5,063,603	11/1991	Burt			
VB	5,074,821	12/1991	McKeefery et al			
VB	5,164,992	11/1992	Turk et al			
VB	5,215,493	6/1993	Zgroddek et al			

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO

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VB	5,292,276	3/1994	Manalo			
VB	5,314,192	5/1994	Broudy et al			
VB	5,314,336	5/1994	Diamond et al			
VB	5,342,234	8/1994	Bloom			
VB	5,372,511	12/1994	Cheung			
VB	5,376,038	12/1994	Arad et al			
VB	5,386,103	1/1995	DeBan et al			
VB	5,413,516	5/1995	Lam			
VB	5,432,864	7/1995	Lu et al			
VD	5,478,240	12/1995	Cogliano			

FOREIGN PATENT DOCUMENTS

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							YES	NO

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

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INFORMATION DISCLOSURE CITATION

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Docket Number (Optional)

Application Number

09/488,390

Applicant(s)

David M. Tumey, et al.

Filing Date

January 19, 2000

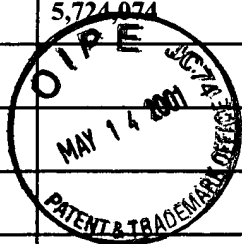
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U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
VB		5,724,074	03/03/98	Chainani et al.	—	—	



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FOREIGN PATENT DOCUMENTS

	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
							YES	NO

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

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